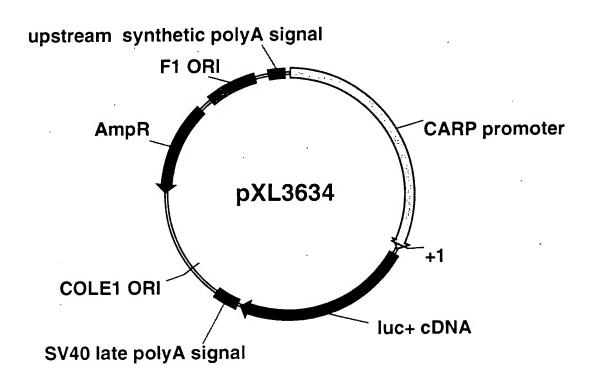


1 ggatecitte atgittaaca atateaacee taaceeaagg ggaacageet geetgacagt 61 ggottugoca occatgaata ottootagto tagtoogttt gtgaaactca goocatooca 121 acacticige aageoceate ciclacaagg tgeleatigg gaattieetg gagettelet 181 ttcaggatca gootgattot.agggcagcag ttctcaacct gggggcctcg acceptingg 241 gggaatcaaa cgaccettta caggggteac atateateta teetatatgi caggtatita 301 cattacgatt cgtaacagta gcaaaattac aggtatgaaa tagcaatgaa ataattttat 361 gattgaaggt caccacaaca tgaggccgcc acactgttct agagaaaaat cacctgggtg 421 gggaaaggtt tgggaaagcc titctgtcca ttcttcattc ttcaaagtga tgtgttcaca 481 gaaagesttt cagetgttet getggggete ttagtaagte tgagtaggaa etgtatgtae 541 caggiotgot tottatgggt ggagocaaga cgcatcgtgg gtggagogaa gacgcaacct 601 caccttotag ototgcatco atagcaagta gcctaatgtt totgtgtota ggtgtcatct 661 ctgtgaatcg agatccttgg ccttgcttga attagggagg cacaaaatac tcagagattc 721 aagactgete ageageeeag agteetteet caaaggaaag gteteaacte teageeeeee 781 ttagctctga gtcaggcctg gaacaaacgg ccacaggaat gagaaaagct gccatagctg 841 cttgtcactt caagaggtca aagaaaatag tgttaaccat gaaaacgaga agaccaacag 901 ttatccattg atagcgtctc aggacagata ggacagagag aacactagga gaggggaacc 961 cacgaaggac aaggtattag tgtgttggtt ttcagggcaa tgtcttgtac tgaagattct 1021 agaaacacaa tttgctggtt gaacagctga agtggggtgg gggttcttac cccatgttca 1081 tggaagggtg agtgaggaga gacagatata tgatggccag cataacaaac atacacaaca 1141 coctaattaa cacttoooto tiotactgac accocottoa cictootott toataaaaaa 1201 taaaaaaagt attttatgtg gctcttacga tagaatcttt cctcgaacta taaaaagatc 1261 taaatattta tatttttcac attttaatat cttagcgatg acaagccaga aacaagtatt 1321 ttttgcctct ctcaacagca aagcttgggg cctttttgtt tecgtgttag gaatagaaca 1381 cgagageccc gtgtatctag gcagatgete tateattage ceatgagtet ecageeteag 1441 acgcacattt ttctcgggct ctcttaagct tttcccacag cattgggaaa ctttactgac 1501 agcatccaag tigtgctict gctaagaact ggactcacat ctctctgtgc atcacttcgg 1561 cccgttttgg ggtagatect ctgattagec ttcagattta gaacacggtg agectgtggt 1621 gcactaatta tggccagtga caccatagag tcaaagtgca ttactgaatg ctttcaattt 1681 ctcctaatgc tggtacgatg gcatgtcaca gggccatttt agctgcagac atcactccag 1741 agaatteeaa acagatagag acaagtggca eccagaceca teteetteee etegggetga 1801 tratececag aaataggatg teecaaagea acaetteeca gecaactgga gtgetgataa 1861 gtocagitat cagaaagata tggcigtaag tgtgatgcac agtgcttgca tittcttgat 1921 acgttagtca tatgagagct gacaaagaag gaaaaagagc agcgatgtgg tgcaatatta 1981 acaggcaget gteccetgge tteccgatac gtgggatgae tegcattget gageggtgtg 2041 greactgeca aaggaatgae ceteteacat tretteetga tregeataeg eegeggeeag 2101 cttgtcatct ccctcttggg cttcccagac actaagtctg gaatgaaaat tcacctgcct 2161 ctgaatigge cactggtggg ggeaggggtg tgaettgget teccaggetg gaagattate 2221 tcacccagcc ctagctatat aacgggctgg tgtggagggg ctccacaggg ccagttccag 2281 gggttcatcc acaagagaa aaaacataga ctcgaggtct agggagcttg catgcctgca 2341 ggtcggaggc caccatgg

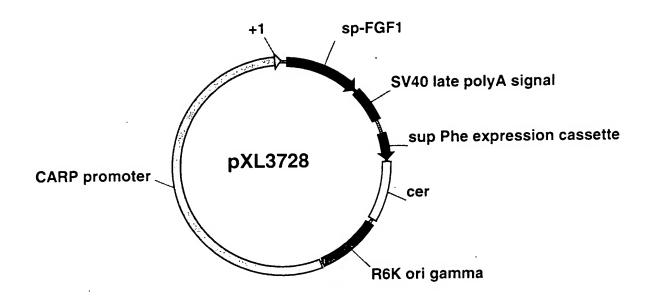
#### FIGURE 2

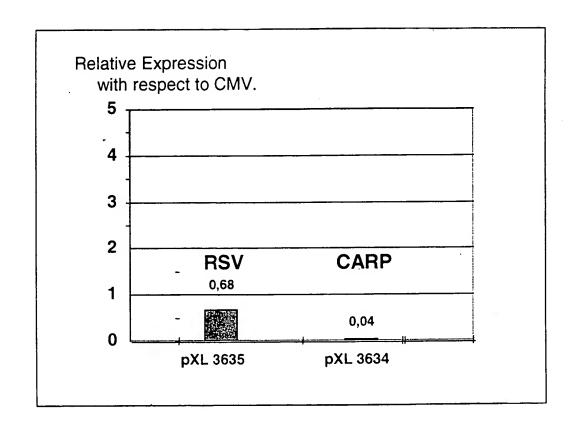
```
1 ctgcagcaag ttacttaatg ttttttgcct cagcatcctc tctgtaaaat gagagcatta
 61 gtcttgctcc aacttcgagg gcatggacag ctctgggatt tcatatccaa gacccttaaa
121 cateccacag tecticecce anacacttet ectectanta ecteceteng titgggteng
 181 gcctggaaca aaaaggcata cgaaatggta gaaaaagtgt ccatgactac ttctgactta
241 gatgaagaga ccaatgaaaa tagtaatgac tctgtttgct tcagcaggac atatactaaa
301 ataggagcta tacaaagaag attagcatgg actctgtgca agaatgacac acaaatttgt
361 gaaacattcc atatattaaa aataaataaa taataaagag aaaaggaaaa aattaaaaag
421 aaaatagtga tagctgtgtc catctcaaag aaaagcccag gagatttcct ttatttaccc
481 cctttaagat agaatattag gagaccggaa catatgatac aggaggtact gggagggtcc
541 ctctttgtca atgttttgtc ttggggtggg gagtcgatgt cttctcaaag tttcagaaac
601 accatccact gactgagcat tcaaggggca agaggagaat ggcagccaca tttgttgatt
661 gggtgagttt ggggagaaat agacacacaa aggtcaaaca taacttccta attaacactt
 721 coctocatto acaattooot totoccatto ttototootg tottttacts akaraaacco
781 agtttttcct gaaactataa aaataccccc agtatgttta cataatttac acctcaaaga
841 ttagaaacca gaaatagaga ccttttcaac ccttccggaa gcaaagtgca ttatccctcc
901 agccacgtgt ctcaaatctt gatgcatcag aatcatctgg gtgctttkaa attcaagatg
961 attectacga gttaccataa atcaactcag aattecetgg agtggggeca gggatetgta
1021 tttctgacaa gctcccacag gtgattcctt tccccacagc atttgagaac ttcagctcaa
1081 tgacctaatc agagtcctgc cattgctaat atctggtctc atttttbtca tatatata
1141 tagtatttgt ggtagagatg ggattttgcc atgttgccca ggctagtatt gaactcctaa
1201 gctaagcaat cttcctgtct ctgcctccca aaatgttggg attacaggtg taagccactg
1261 caccoggotg atagotggtt toatttacto tatttottga coactotgat coattttgaa
1321 gtaaaaatgc tccaattatt atgctgtttt agaacacggt aagcatgtca tgtgctaatg
1381 gccagtgaca tcataaaaga aaagtgcatt actgaatgct ttcaatgtct tataatgatg
1441 gtaaggtggc atgtcatggg gcctatttag cccagacatc actccaaaga attccaaaca
1501 gatatagaca agtgccttta gggcccagat cccttcccct caggctgttt acccagggaa
1561 taggatgtcc tgggacaagt ttcccctaag tgaagtgttg ataagtctgc ttatcagaaa
1621 gatattactg ggggtgtgat atgtagggca tctacatttt cttgataggt agtcatatga
1681 aagctgacaa agaaaaaaag ggcagtgatg tggtgcaatg tcaacagaca gctgtcccct
1741 gactettgac aaataggatg acttgcattg etgagegatg tgateaceae caaaggaatg
1861 tetteagett eccagacaet gagtetggaa tgaaaattea eetgeetetg agttggetee
1921 taatgggggc gggagtgtta cttcggttcc caggttggaa gattatctca cccggcccca
1981 gctatataag ctgaccggtg tggaggggcc cagcagggcc aactccaggg attccttcca
           2041 cgacagaaaa acatacaaga ctccttcagc caac
```

### FIGURE 3

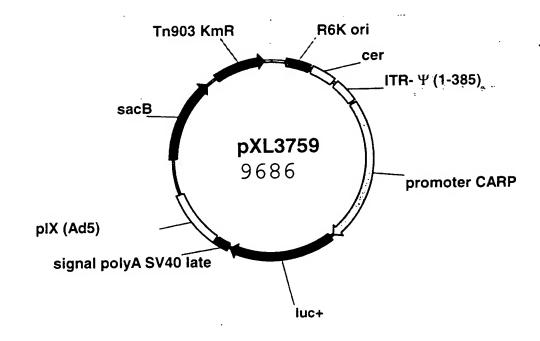


### FIGURE 4

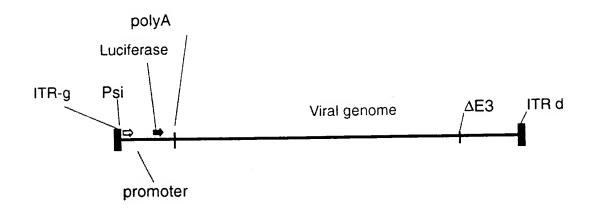




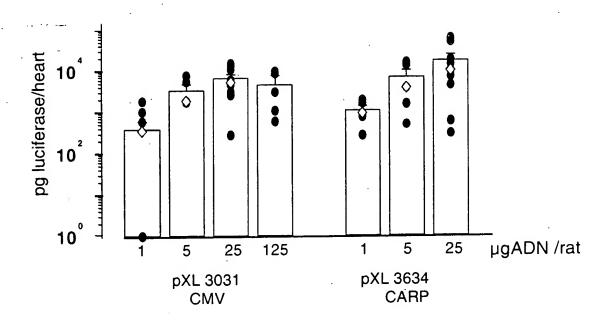
#### **FIGURE 6A**



#### FIGURE 6B



# FIGURE 7A



# FIGURE 7B

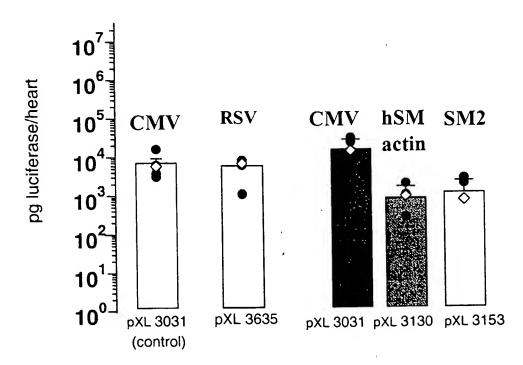


FIGURE 8

